

CLAIMS

1. A remote-control toy comprising:

a controller for transmitting a control signal according to an operation by a user;

a movable body for being controlled based on the control signal from the controller; and

a field member on which the moving body is allowed to move,

wherein the movable body includes:

a detecting unit for reacting to a predetermined object to be detected and for outputting a detection signal; and

a processing unit for performing a predetermined process in response to the output of the detection signal,

the object to be detected is placed in the field member in such a manner that the position of the object to be detected is adapted to arbitrarily change.

2. The remote-control toy according to claim 1, wherein the predetermined object to be detected is a magnet, and the field member has a plurality of placement portions in which the predetermined object to be detected is embedded.

3. The remote-control toy according to claim 2, wherein the field member includes a mat and a cover that cloaks the surface of the mat, and

the plurality of placement portions are concave portions that are open through the surface of the mat.

4. The remote-control toy according to claim 3, wherein a protruding member protruding from the surface of the mat is provided on the surface of the mat in such a manner that the position of the protruding member is adapted to change, and the protruding member also is adapted to be cloaked by the cover.

5. The remote-control toy according to claim 4, wherein the predetermined object to be detected is adapted to be attached to the top end of the protruding member.

6. The remote-control toy according to claim 1, wherein the field member has a joining portion to be joined to another field member.

7. A field member on which a movable body is allowed to move, the movable body being controlled based on a control signal transmitted from a controller according to an operation by a user,

the movable body includes a detecting unit for reacting to a predetermined object to be detected and for outputting a detection signal, and a processing unit for performing a predetermined process in response to the output of the detection signal,

the object to be detected is placed in the field member in such a manner that the position of the object to be detected is adapted to arbitrarily change.

8. The field member according to claim 7, wherein the field member includes a mat and a cover that cloaks the surface of the mat.

9. The field member according to claim 7, wherein the field member has a joining portion to be joined to another field member.